

**Silver Park Small Shelter
Project Scope, Schedule & Tool List
September 22-26, 2008
Missoula, Montana**

All three of the winning designs from the recent Silver Park Design Competition (the Bonin, Scarpa/Nia and Stahlecker designs) will be raised at a project sponsored by the Timber Framers Guild (TFG) in cooperation with Home Resource to be held on September 22-26, 2008 in Missoula, MT. In addition, the TFG will lay out and cut the Bonin design at this project.

Our active local hero, Jennifer Anthony, has already offered a significant amount of her time in working with the Missoula community to generate interest in the project and is also donated her engineering time. In addition, she has contacted numerous TFG member firms in the area to provide services including outsourcing some of the layout and cutting of the structures. She is joined in her efforts by Missoula resident Geoff Badenoch.

The TFG workshop is a weeklong project, which will be held in Osprey Stadium, in Missoula, Montana, which is adjacent to the shelters' eventual home in Silver Park. The leadership team will consist of three lead instructors (Curtis Milton, Alicia Hammarlund, and Rocco Bellebuono), two rookie instructors (Isaac McCoy-Sulentis and Dave Kaplan) and Joel McCarty, the Co-Executive Director – Projects.

The designs of the three winning Silver Park Design Competition winners will allow us to include multiple educational components in the workshop: compound math, layout, and cutting, square rule layout, efficiency in shop production, and the interface between round and square timbers. In addition to these elements, we will focus on professional on site practices (including safety practices and raising tools, techniques and skills), as well as the TFG "X" factor of collective action and camaraderie.

The Bonin design, which consists of 32 pieces and 640 man-hours, will provide an excellent opportunity for compound joinery education. Our rudiment indicates that the appropriate man hours associated with the raising of the Scarpa/Nia and Stahlecker designs, both of which will be pre-cut in local shops, is 180 man hours (a total of 90 pieces). Given that we plan on 7 hours per day of work, there are 820 man-hours and 117 total man-days in the project. We are planning for 23 workshop participants over five days to complete the project.

Schedule

The workshop will start on Sunday, September 21, with the arrival of the leadership team and our participants. The workshop training will begin on Monday, September 22 at 8 a.m. and run through the raisings, which are planned for Friday, September 26. The participants may depart on Saturday, September 27, or on Sunday, September 28.

About our host organization

Our host for this project is Home Resource, a non-profit organization that collects and sells re-usable building materials to reduce waste, help build healthier communities, promote a more vibrant and sustainable local economy. Their programs include: a re-use warehouse and lumber yard, new, select grade framing lumber from local, sustainable harvests and processed through local mills and deconstruction services. Their mission statement – to reduce waste, build healthy communities, and promote a more sustainable and vibrant local economy – is a perfect match for this project. Find out more about Home Resource at www.homesource.org.

Home Resource is supported by our local hero, Jennifer Anthony, and Geoff Badenoch, and other Missoula organizations, that are coordinating community support. Missoula volunteer groups are organizing host families to provide lodging for the leadership team and for project participants. Additional Missoula volunteers and community organizations are coordinating food services for workshop participants.

Worksite Location, Food and Lodging

The project worksite is located at Missoula's Osprey Stadium, where project participants will have access to power, water, storage and restrooms, as well as a level building surface. Tents for working on site are available for shelter from sun and rain. The stadium is adjacent to where these park shelters will find a permanent home. Our worksite is just across from beautiful Downtown Missoula, a 10-minute walk away.

<http://missoulaosprey.com/stadium/>

Participants will have a choice of staying in the home of a Missoula family, camping at Osprey Stadium or bringing their own RV. RV camping is available at Osprey Stadium for self-contained units only; there are no water hook-ups or dumping facilities. No tent stakes are allowed.

Local Missoula organizations will provide three meals per day, mostly provided on location at the stadium, although there are a few dinners planned for off-site. Meals will start on the morning of September 22 with breakfast and end on September 26 with dinner after the raising.

Rafting Trip

Bruce Haroldson and Beaudette Consulting Engineers will host a complimentary half-day rafting trip on Saturday, September 27, at the Alberton Gorge on the Clark Fork River for the Silver Park workshop participants and instructors. This trip will be reserved for those attend and work the entire week-long workshop. This trip will not be professionally guided, but will have a safe ratio of experienced rafters and the proper safety equipment. Experienced kayakers are encouraged to join the trip. Temperatures on the river can vary at this time of year, so bring warm clothing. For information on similar guided trips in the same area, go to <http://www.montanariverguides.com/photos/>

Tool List

All participating timber framers should arrive with the following tools in good shape and ready for use. Electric tools will be subject to inspection.

Required Tools:

- Mallet
- Hearing and eye protection
- Hardhat
- Steel toe shoes

Suggested Tools:

- Framing hammer
- Flat pry bar
- Power cords (12 gauge min.)
- Circular saw (carbide blade)
- Beam saw
- Drill motor
- Lumber crayon
- Hand planes
- Handsaws
- Clamps (large bar or pipe)
- Approved fall protection gear

Waivers

All participants will be required to sign an injury waiver, and will be requested to sign a photo waiver.

Links for Missoula stuff of interest and close to the Osprey Stadium:

1. Mobash Skate park in McCormick Park,
<http://www.missoulaskatepark.org/index.php>
2. Kayak and rafting: Brennan's Wave and Alberton Gorge map:
<http://www.pipestonemountaineering.com/content/view/26/57/>
3. <http://montanaeddyhop.blogspot.com/2007/04/brennans-wave-clark-fork-downtown.html>
4. Surfing Brennan's wave:
http://www.montanakaimin.com/index.php/outdoors/outdoors_article/surfing_brennans_wave/
5. Downtown events: <http://www.missouladowntown.com/>
6. Chamber of Commerce: <http://www.missoulachamber.com/visitor/>
7. Missoula Convention & Visitors Bureau (406) 532-3250. www.missoulacvb.org